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SOURCE

Newspapers and periodical as indicated.

TURBINE PRODUCTION MAKES BIG JUMP IN 10 YEARS;  
BOILERMAKERS SPEED WORK

OUTPUT INCREASES 2.6 TIMES -- Moscow, Izvestiya, 18 Apr 51

In 1950, the USSR output of steam turbines was 2.6 times as great as in 1940:

TURBINE HAS TWO STEAM TAKE-OFFS -- Moscow, Vestnik Mashinostroyeniya, Apr 51

The Leningrad Metal Plant imeni Stalin is putting out VPT-25-3 turbines with a 25,000-kilowatt capacity at 3,000 revolutions per minute.

The turbines have two steam take-offs: an industrial, putting out 72 tons per hour at 10 atmospheres' pressure; and a heating take-off, putting out 52 tons per hour at 1-2.5 atmospheres. When only one take-off is open, productivity of the industrial take-off goes up to 130 tons per hour; that of the heating take-off goes up to 100 tons per hour. Steam enters the turbine at a temperature of 500 degrees, under 90 atmospheres' pressure.

The turbines have two velocity stages and 18 pressure stages. The first nine disks are forged in one piece with the rotor; the last ten are fitted onto it.

Moscow, Izvestiya, 9 Mar 51

The Leningrad Metal Plant imeni Stalin recently completed a 100,000-kilowatt steam turbine. This is the fourth turbine of that capacity the plant has put out since the war.

FAIL SHORT IN BLADE PRODUCTION -- Riga, Sovetskaya Latviya, 21 Apr 51

The Riga Turbine Machinery Plant failed to meet the first-quarter plan for production of turbine blades and ribbed pipe.

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SEND EQUIPMENT TO TADZHIKSTAN, CAUCASUS -- Moscow, Vechernyaya Moskva,  
20 Mar 51

Stakhanovites of the boiler shop of the Machinery Plant imeni Yaroslavskiy recently developed some special gauges which are saving metal and helping to reduce the time required to lay out patterns. The welders are now getting parts from the boilermakers on time, and, as a result, are fulfilling their quotas in half the time formerly expended.

The boiler shop is now working on equipment for collecting ester oils. A considerable amount of this equipment has been assembled and sent to Tadzhikstan and the Caucasus area.

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